

APR 18 2005  
PATENT & TRADEMARK OFFICE

04-20-00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Art Unit: 2152  
)  
Michael BEN-NUN ) Examiner: (N/A)  
)  
Serial No.: 10/003,416 ) Washington, D.C.  
)  
Filed: December 6, 2001 ) April 18, 2005  
)  
For: APPARATUS, METHOD AND ) Docket No.: 308,998  
COMPUTER PROGRAM FOR WIRE-  
SPEED CLASSIFICATION AND PRE-  
PROCESSING OF DATA PACKETS IN  
AN ATM NETWORK

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

☒ 1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:

(Check one of the boxes A-D)

☐ A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

☒ B. before the mailing date of a first office action on the merits.

☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary certification (box "i" below) or paid the necessary fee (box "ii" below).

(check one of the boxes "i" and "ii" below)

☐ i. Counsel certifies that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

STATEMENT OF FILING BY EXPRESS MAIL 37 C.F.R. § 1.10

This correspondence is being deposited with the United States Postal Service on April 18, 2005 in an envelope as "Express Mail Post Office to Addressee" Mailing Label No.: ER 842 050 821 US addressed to the Honorable Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

18304 U.S. PTO



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☐ ii. A check for the fee set forth in 1.17(p), presently believed to be \$240, is enclosed (check no. \_\_\_\_\_).

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. A check for the fee set forth in §1.17(i), presently believed to be \$130 is enclosed (check no. \_\_\_\_\_). Counsel certifies that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☒ 2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

☐ A. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.

☐ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon under 35 U.S.C. 120:

[insert serial numbers and filing dates of prior applications]

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO-1449 from the files of the prior application(s) or a fresh PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☐ 3. Documents \_\_\_\_\_ is (are) not in the English language. In accordance with 1.98(c), Applicant states:

☐ An English translation of each document \_\_\_\_\_ (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is found in the attached search report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows:  
[Insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.

☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ 5. Other information being provided for the examiner's consideration follows:

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

**CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS**

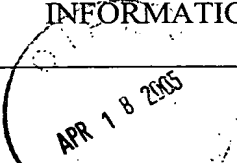
Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

Respectfully submitted,



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Attorney for Applicant  
Reg. No. 24,156

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(212) 949-9190

FORM PTO-1449 (Colb)	ATTY DOCKET NO. 308,998	SERIAL NUMBER 10/003,416
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Michael BEN-NUN	EXAMINER (N/A)
	FILING DATE December 6, 2001	GROUP ART UNIT 2152

## U.S. PATENT DOCUMENTS

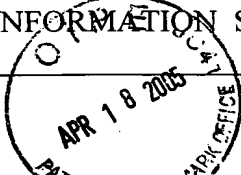
Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,700,889	03-2004	Ben-Nun			
	AB	6,633,920	10-2003	Bass, et al.			
	AC	6,460,120	10-2002	Bass, et al.			
	AD	6,404,752	06-2002	Allen, et al.			
	AE	2002/0165947	11-2002	Akerman, et al.			
	AF	2002/0122386	09-2002	Calvignal, et al.			
	AG	2001/0016899	08-2001	Nei			
	AH	5,806,086	09-1998	Kimmel, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AI						
	AJ						
	AK						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	T.V. Lakshman, et al, High-speed policy-based packet forwarding using efficient multi-dimensional range matching, 1998, ACM SIGCOMM Computer Communication Review, Vol. 28, No. 4, pp. 203-214.
AM	Rebecca Thomas, et al, A user guide to the UNIX system, 1985, Osborne McGraw-Hill, p. 151.
EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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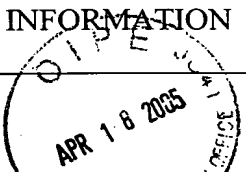
Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	5,898,837	04-1999	Guttman, et al.			
	AB	5,946,302	08-1999	Waclawsky			
	AC	5,956,721	09-1999	Douceur, et al.			
	AD	5,995,488	11-1999	Kalkunte, et al.			
	AE	5,995,971	11-1999	Douceur, et al.			
	AF	6,542,508	04-2003	Lin			
	AG	6,104,696	08-2000	Kadambi, et al.			
	AH	6,434,153	08-2002	Yazaki, et al.			
	AI	5,617,421	04-1997	Chin, et al.			
	AJ	5,842,040	11-1998	Hughes, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AK						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	<a href="http://developer.intel.com/ial/pbnm">http://developer.intel.com/ial/pbnm</a> , September 2001.
AM	
EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	FILING DATE December 6, 2001	GROUP ART UNIT 2152

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Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,041,054	03-2000	Westberg			
	AB	5,673,263	09-1997	Basso, et al.			
	AC	5,715,250	02-1998	Watanabe			
	AD	6,185,208	02-2001	Liao			
	AE	5,414,704	05-1995	Spinney			
	AF	6,275,861	08-2001	Chaudri, et al.			
	AG	6,590,894	07-2003	Kerr, et al.			
	AH	4,788,656	11-1988	Sternberger			

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AI						
	AJ						
	AK						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

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AM	
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